

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



542215

(43) International Publication Date
10 September 2004 (10.09.2004)

PCT

(10) International Publication Number
WO 2004/076351 A1

- (51) International Patent Classification⁷: **C01C 3/02**, (74) Common Representative: **DEGUSSA AG**; Intellectual Property Management, **PATENTE und MARKEN**, Standort Hanau, Postfach 13 45, 63403 Hanau (DE).
- (21) International Application Number: **PCT/EP2004/001516** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 18 February 2004 (18.02.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 103 09 209.9 28 February 2003 (28.02.2003) DE (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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- Published:**
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PRODUCTION OF HYDROGEN CYANIDE BY THE BMA PROCESS AND CATALYST FOR THE IMPLEMENTATION THEREOF

(57) Abstract: The invention relates to an improvement to the BMA process for the production of hydrogen cyanide from methane and ammonia in the presence of a platinum-containing catalyst. The problem of sooting, and thus the decrease in activity, of the catalysts can be reduced, or the activity increased, in that the catalyst is doped with an element from the series Cu, Ag, Au, Pd and W. The doping is preferably in the range of 0.01 to 20 mole % doping element, based on Pt.

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